

Amendments to the Claims:

Claim 1 (currently amended): A ball-nut assembly comprising:

a) a ball nut including a radial through slot and including an outer surface having a first portion, having a ledge radially recessed from the first portion and at least partially bounding the through slot, and having an undercut wall connecting the ledge and the first portion; and

b) a crossover member having a flange supported against radially-inward movement by the ledge and having a crossover-grooved portion disposed in the through slot, wherein the flange has at least one transversely and ductilely elongated portion contacting the undercut wall of the outer surface of the ball nut, ~~and~~ wherein the flange is supported against radially-inward movement by the ledge even without the at-least-one transversely-and-ductilely-elongated portion, wherein the crossover-grooved portion has at least one crossover groove, and wherein every part of every crossover groove of the crossover-grooved portion is disposed radially inward of the ledge.

Claim 2 (original): The ball-nut assembly of claim 1, wherein the ledge has an annular shape, surrounds the through slot, and annularly supports the flange.

Claim 3 (previously presented): The ball-nut assembly of claim 2, wherein the undercut wall has axially-opposing first and second end portions, and wherein the at-least-one transversely and ductilely elongated portion includes first and second transversely and ductilely elongated portions respectively contacting a corresponding one of the first and second end portions of the undercut wall.

Claim 4 (original): The ball-nut assembly of claim 3, wherein the first portion has a cylindrical shape.

Claim 5 (original): The ball-nut assembly of claim 4, wherein the crossover member has a flat outward facing surface disposed below the first portion of the outer surface of the ball nut.

Claim 6 (original): The ball-nut assembly of claim 5, wherein ball nut is a vehicle-brake-pad-driving ball nut.

Claim 7 (currently amended): A ball-screw-and-ball-nut assembly comprising:

a) a ball nut including an inside helical groove, including a radial through slot, and including an outer surface having a first portion, having a ledge radially recessed from the first portion and at least partially bounding the through slot, and having an undercut wall connecting the ledge and the first portion;

b) a crossover member having a flange supported against radially-inward movement by the ledge and having a crossover-grooved portion disposed in the through slot, wherein the flange has at least one transversely and ductilely elongated portion contacting the undercut wall of the outer surface of the ball nut, ~~and~~ wherein the flange is supported against radially-inward movement by the ledge even without the at-least-one transversely-and-ductilely-elongated portion, wherein the crossover-grooved portion has at least one crossover groove, and wherein every part of every crossover groove of the crossover-grooved portion is disposed radially inward of the ledge;

c) a ball screw including an outside helical groove and disposed inside the ball nut; and

d) a plurality of balls contacting the crossover-grooved portion of the crossover member and a portion of the inside and outside helical grooves.

Claim 8 (original): The ball-screw-and-ball-nut assembly of claim 7, wherein the ledge has an annular shape, surrounds the through slot, and annularly supports the flange.

Claim 9 (previously presented): The ball-screw-and-ball-nut assembly of claim 8, wherein the undercut wall has axially-opposing first and second end portions, and wherein the at-least-one transversely and ductilely elongated portion includes first and second transversely and ductilely elongated portions respectively contacting a corresponding one of the first and second end portions of the undercut wall.

Claim 10 (original): The ball-screw-and-ball-nut assembly of claim 9, wherein the first portion

has a cylindrical shape.

Claim 11 (original): The ball-screw-and-ball-nut assembly of claim 10, wherein the crossover member has a flat outward facing surface disposed below the first portion of the outer surface of the ball nut.

Claim 12 (original): The ball-screw-and-ball-nut assembly of claim 11, wherein ball screw is an electric-motor-driven ball screw, and wherein the ball nut is a vehicle-brake-pad-driving ball nut.

Claim 13 (currently amended): A method for making a ball-nut assembly comprising the steps of:

a) obtaining a ball nut including a radial through slot and including an outer surface having a first portion, having a ledge radially recessed from the first portion and at least partially bounding the through slot, and having an undercut wall connecting the ledge and the first portion;

b) obtaining a crossover member having a flange and a crossover-grooved portion, wherein the crossover portion includes at least one crossover groove;

c) disposing the crossover member from outside the ball nut to have the flange supported against radially-inward movement by the ledge and the crossover-grooved portion disposed in the through slot with every part of every crossover groove of the crossover-grooved portion disposed radially inward of the ledge; and

d) after step c), transversely and ductilely elongating the flange creating a staked portion of the flange which contacts the undercut wall of the outer surface of the ball nut.

Claim 14 (previously presented): A method for making a ball-nut assembly comprising the steps of:

a) obtaining a ball nut including a radial through slot and including an outer surface having a first portion, having a ledge radially recessed from the first portion and at least partially bounding the through slot, and having an undercut wall connecting the ledge and the first portion;

- b) obtaining a crossover member having a flange and a crossover-grooved portion;
- c) disposing the crossover member from outside the ball nut to have the flange supported by the ledge and the crossover-grooved portion disposed in the through slot;
- d) deforming the flange creating a staked portion of the flange which contacts the undercut wall of the outer surface of the ball nut; and
- e) after step a) and before step c), aligning the ball nut on a locating arbor which simulates balls placed around a ball screw.

Claim 15 (original): The method of claim 14, wherein step c) includes aligning the crossover member on the locating arbor.

Claim 16 (original): The method of claim 15, also including between steps c) and d) the step of checking the radial position of the crossover member with a position indicator.

Claim 17 (original): The method of claim 15, also including between steps c) and d) the step of clamping the crossover member against the locating arbor.

Claim 18 (original): The method of claim 15, wherein step d) includes using a stake punch.